



## COSMOPLENE® FY4012E

### CHARACTERISTICS

**COSMOPLENE FY4012E** is Polypropylene Homopolymer designed for stiffness, tensile strength and excellent processibility.

### APPLICATIONS

**COSMOPLENE FY4012E** is formulated for yarn, tapes, bands, monofilaments etc.

### PHYSICAL PROPERTIES

ITEM	UNIT	FY4012E	TEST METHOD
Melt Flow Rate	g/10 mins	4.0	ASTMD1238
Density	g/cm <sup>3</sup>	0.90	ASTM D792
Tensile Strength at break	MPa	42.2	ASTM D638
Elongation	%	830	ASTM D638
Stiffness	MPa	1,370	ASTM D747
Melting Point	°C	164	TPC METHOD

- The figures presented are typical laboratory averages, only for reference.
- The information is based on our current knowledge, is subjected to continuous updates and is intended to suggest/ recommend product applications and to provide typical data on the related properties. It should not therefore be construed as guaranteeing any specific property of the product. TPC makes no warranty of any kind, expressed or implied, regarding the accuracy of these data.

